

Araceæ Novæ Micronesicæ.

SUMIHIKO HATUSIMA

初島住彦: ミクロネシア産天南星科植物

Spathiphyllum (§ *Massowia*) **micronesicum** HATUSIMA, sp. nov. (Fig. 1, a-f.).

Herbæ subacaules. Foliorum petiolus usque ad 20 cm longum geniculo circ. 2 cm longo instructus, inferne vaginatus superne canaliculatus; lamina oblonga vel elliptica apice acuminata basi cuneata 32–39 cm longa 14–15 cm lata, nervis late alibus I utrinque circ. 13, angulo circ. 40° a costa abeuntibus marginem versus leviter arcuatim adscendentibus. Pedunculus ad 39 cm longus pars stipitiformis circ. 27 cm longa inferne spathe adnatus. Spatha alba, oblonga, basi pedunculo breviter decurrens, apice breviter acuminata ad 12 cm longa, medio 5 cm lata; spadix virescens cylindroideus 2–3 cm longus 7–8 mm crassus stipitatus stipis circ. 2 cm longis. Perigonium album dein virescens circ. 2 mm longum, circ. 3 mm latum. Pistilla ovoidea quam stamina paullum breviora perigonium æquantia, loculis pluriovulatis.

Hab. W. Caroline. Palau: near Galdok waterfall, Aimiriik, Babeldaob, April 3, 1938 (HATUSIMA, nos. 4570-type, 4573).

This is the second species of this genus found in Asia. The nearest alliance of this species is *S. commutatum* SCHOTT from Malaysia, but it is easily distinguished from the latter by its oblong leaves and its smaller spathe with much smaller spadix.

Rhaphidophora Kanehiræ HATUSIMA, sp. nov. (Fig. 1, g-j).

? *Rhaphidophora* sp. VOLKENS in ENGLER, Bot. Jahrb. **31** (1901) 459.

Caudex scandens subteres tenuis 4–5 mm crassi internodiis 1–3 cm longis. Foliorum petiolus tenuis supra late canaliculatus basi paullum dilatatus, geniculo circ. 5 mm longo instructus, inferne anguste vaginatus 5–9 cm longus circ. 2 mm crassus; lamina membranacea oblongo-lanceolata vel oblongo-ob-lanceolata subfalcata apice acuminata basi obtuso-acuta plus minusve obliqua 19–25 cm longa, 5.5–7 cm lata, nervis lateralibus I. utrinque circ. 16–25 angulo



Fig. 1. a. *Spathiphyllum macronesicum* HATUSIMA (habit sketch $\times 0.32$); b, spadix $\times 1.3$; c. lateral aspect of a flower $\times 4.5$; d. median section of a flower, exposing three stamens $\times 4.5$; e. median section of gynoecium $\times 6.4$; f. stamens $\times 6$; g. *Rhabdophora Kanehirae* HATUSIMA (habit sketch $\times 0.32$); h. spadix $\times 1.3$; i. a flower seen from above $\times 10$; j. lateral aspect of a flower $\times 6.4$; k. stamen $\times 13$.

ca. 45° a costa abeuntibus marginem versus leviter arcuatim adscendentibus, nervis lateralibus II. et III. primariis multo tenuioribus subparallelis. Pedunculus 2-3.5 cm longus, 2-3 mm crassus. Spatha anguste oblonga cum acumine ca. 2 mm longo, 4 cm longa, convoluta circ. 7 mm diamentiens. Spadix 2.8 cm longus, 4-5 mm crassus. Pistilla parva rhombeo-hexagona circ. 1 mm longa, 0.8 mm lata, stigmatibus parvo pulvinato instructa. Stamina 4 circ. 0.5 mm longa, filamenta latiuscula subnulla, Ovula numerosa.

Hab. W. Caroline: Yap (KANEHIRA, no. 1188).

The present species is very near *Rhaphidophora Engleri* KANEHIRA, but is easily distinguished by its slender branchlets with smaller leaves, its smaller spadix.

Typhonium divaricatum (L.) DECAISNE, Desc. h. Timor in Ann. Nat. Hist. **3** (1834) 367.-ENGLER in ENGLER, Pl.-Reich 73 Heft. (IV. 23. F.) (1920) 115.

Nom. Nipp. *Ryûkyû-hange*.

Hab. W. Caroline: Korrör, Palau (HATUSIMA, no. 4679; April 5, 1938).

Distr. India through Malaya to China, Formosa and Liukiu. New to Micronesia.

Homalomena cordata (HOUTT.) SCHOTT, Melet. **1** (1832) 20.-ENGLER, l. c. p. 57, fig. 35.

Hab. W. Caroline: Korrör, Palau, April 11, 1938, in the Taro field (HATUSIMA, no. 4831, Fl.).

Distr. Celebes, Molucca, New-Britain, New-Guinea. New to Micronesia.

Epipremnum carolinensis VOLKENS in ENGLER, Bot. Jahrb. **31** (1901) 459-KANEHIRA, Enum. Micon. Pl. (1936) 285.

Epipremnum palauense KOIDZUMI in Bot. Mag. Tokyo **30** (1916) 401, syn. nov.

Rhaphidophora Koidzumi KANEHIRA, Enum. Micon. Pl. (1936) 286.

Hab. W. Caroline: Palau and Yap.